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NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
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NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 26 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 27 Oct 21 EVENTLINE has been reloaded
NEWS 28 Oct 24 BEILSTEIN adds new search fields
NEWS 29 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 30 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 31 Nov 18 DKILIT has been renamed APOLLIT
NEWS 32 Nov 25 More calculated properties added to REGISTRY
NEWS 33 Dec 02 TIBKAT will be removed from STN
NEWS 34 Dec 04 CSA files on STN
NEWS 35 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 36 Dec 17 TOXCENTER enhanced with additional content
NEWS 37 Dec 17 Adis Clinical Trials Insight now available on STN
NEWS 38 Dec 30 ISMEC no longer available
NEWS 39 Jan 13 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 40 Jan 21 NUTRACEUT offering one free connect hour in February 2003
NEWS 41 Jan 21 PHARMAML offering one free connect hour in February 2003
NEWS 42 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
ENERGY, INSPEC
NEWS 43 Feb 13 CANCERLIT is no longer being updated
NEWS 44 Feb 24 METADEX enhancements

NEWS 45 Feb 24 PCTGEN now available on STN
NEWS 46 Feb 24 TEMA now available on STM
NEWS 47 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 48 Feb 26 PCTFULL now contains images

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,
CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002

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=> s kit (p) (ammonium near0 chloride)
L1 O KIT (P) (AMMONIUM NEAR0 CHLORIDE)

=> s kit (p) (ammonium (w) chloride)
L2 10 KIT (P) (AMMONIUM (W) CHLORIDE)

=> s 12 (p) (bead or column or solid)
L3 1 L2 (P) (BEAD OR COLUMN OR SOLID)

=> d his

(FIG)

FILE 'MEDLINE_BIOSIS_CAPIUS_EMBASE' ENTERED 4/10/2013

LI O S KIT (P) (AMMONIUM NEARO CHLORIDE)

L2 10 S KIT (P) (AMMONIUM (W) CHLORIDE)
L3 1 S L2 (P) (BEAD OR COLUMN OR SOLID)

=> d bib ab 13

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
AN 1990:455388 CAPLUS
DN 113:55388
TI Microporous article having a stabilized specific binding reagent, a method for its use and a diagnostic test kit
IN Snyder, Brian Anthony; Grogan, Elizabeth Ann; Sutton, Richard Calvin
PA Eastman Kodak Co., USA
SO Eur. Pat. Appl., 11 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|------|----------|-----------------|----------|
| PI | EP 347137 | A2 | 19891220 | EP 1989-305893 | 19890612 |
| | EP 347137 | A3 | 19900912 | | |
| | EP 347137 | B1 | 19940727 | | |
| | R: CH, DE, FR, GB, IT, LI, SE | | | | |
| | US 5094962 | A | 19920310 | US 1988-206236 | 19880613 |
| | JP 02236169 | A2 | 19900919 | JP 1989-148518 | 19890613 |
| | JP 07043380 | B4 | 19950515 | | |
| PRAI | US 1988-206236 | | 19880613 | | |
| AB | A water-insol. microporous article comprises a microporous substrate having first and second outer surfaces. Affixed to one of those surfaces is a stabilized specific binding reagent admixed with certain hydrophilic, neutral or pos.-charged binder materials. Particularly useful binder materials include certain quaternary polymers, vinyl-pyrrolidone polymers and acrylamide polymers. In this mixt., the reagent exhibits improved keeping stability compared to similar reagents used without binder materials. The reagent comprises water-insol. particles to which are attached receptor mols. to a target ligand. Substantially none of the reagent is entrapped within the microporous substrate. This article is useful for the detection of a target ligand in an assay involving the specific binding reaction of the ligand with corresponding receptor mols., and can be included in a diagnostic test kit. It is particularly useful for the detection of streptococcal antigen in a biol. specimen when the receptor mols. are antibodies to that antigen. Thus, an immunochem. test device for Streptococcus A antigen contg. a specific binding reagent (peroxidase conjugated and bead -immobilized antibodies to Streptococcus A antigen) mixed with 5 wt.% poly(dimethyldiallyl ammonium chloride) as binder was prep'd. Some devices were tested immediately and others were stirred for 4 wk in heat-sealed containers at 37.degree. and 30-50% relative humidity. After the 4-wk storage period, assays using the device of the invention showed only a 9% decrease in dye d., but a device using poly(acrylic acid), a neg.-charged binder, lost 99% of dye d. in the same period. | | | | |

=> d his

(FILE 'HOME' ENTERED AT 13:40:50 ON 27 FEB 2003)

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 13:41:08 ON 27 FEB 2003
L1 0 S KIT (P) (AMMONIUM NEARO CHLORIDE)
L2 10 S KIT (P) (AMMONIUM (W) CHLORIDE)
L3 1 S L2 (P) (BEAD OR COLUMN OR SOLID)

=> s 12 (p) (nucleic or DNA or RNA)

L4 2 L2 (P) (NUCLEIC OR DNA OR RNA)

=> d bib ab 14 1-2

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS
AN 1997:632433 CAPLUS

DN 127:259787

TI Whole blood sample preparation for polymerase chain reaction using ammonium chloride and a carboxylic acid or metal carboxylate for selective red blood cell lysis

IN Ekeze, Tobias E.; Kerschner, Joanne Hansen
PA Johnson & Johnson Clinical Diagnostics, Inc., USA
SO Eur. Pat. Appl., 16 pp.
CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|------|----------|-----------------|----------|
| PI | EP 795751 | A2 | 19970917 | EP 1997-301597 | 19970311 |
| | EP 795751 | A3 | 19990721 | | |
| | R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE | | | | |
| | US 5702884 | A | 19971230 | US 1996-615848 | 19960312 |
| | CA 2199337 | AA | 19970912 | CA 1997-2199337 | 19970306 |
| | JP 10002898 | A2 | 19980106 | JP 1997-56289 | 19970311 |
| PRAI | US 1996-615848 | | 19960312 | | |

AB Leukocytes can be quickly and selectively sep'd. from erythrocytes by subjecting a whole blood sample to a series of steps including lysing the erythrocytes and washing the remaining leukocytes with a soln. contg. **ammonium chloride** and a carboxylic acid or a metal carboxylate. The resulting white blood cells can be readily lysed and subjected to polymerase chain reaction to amplify and detect a target **nucleic acid**. The test **kit** useful in practicing the amplification method includes a labeled primer, a PCR reagent and a reagent mixt. contg. **ammonium chloride** and a carboxylic acid or a metal carboxylate for sample prepn.

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS
AN 1997:603525 CAPLUS

DN 127:187876

TI Reagent kit for the preparation of nucleic acids.

IN Michel, Uwe; Rau, Andreas; Rieckmann, Peter

PA Michel, Uwe, Germany; Rau, Andreas

SO Ger. Offen., 5 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|------------------|------|----------|------------------|----------|
| PI | DE 19607202 | A1 | 19970828 | DE 1996-19607202 | 19960226 |
| PRAI | DE 1996-19607202 | | 19960226 | | |

AB A method and kit are disclosed for the sepn. and isolation of DNA-contg. and RNA-contg. fractions from biol. cells present in, e.g., whole blood, cell cultures, or cell suspensions, in which the cells are treated with Soln. I which causes lysis of the cells but does not affect the cell nuclei, followed by centrifugation to sep. the DNA-contg. cell nuclei from the RNA-contg. supernatant. Soln. I contains preferably a detergent, a reducing agent, and optionally an RNase inhibitor and a vanadyl ribonucleoside complex besides other usual buffer substances and additives. After sepn. of the DNA-contg. cell nuclei from the RNA-contg. soln., the latter is treated with Soln. II which contains a denaturant, a

detergent, and other common buffer components. The RNA then can be obtained by known methods such as by using a suitable RNA-binding matrix. Application of the method in disease diagnosis is emphasized.

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L4 not guanidinium

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| <u>L4</u> | L2 not guanidine | 13 | <u>L4</u> |
| <u>L3</u> | L2 not guanididne | 19 | <u>L3</u> |
| <u>L2</u> | L1 same (bead or column or solid) | 19 | <u>L2</u> |
| <u>L1</u> | kit same (cesium near0 chloride) | 142 | <u>L1</u> |

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|-----------------------------------|----|
| L1 same (bead or column or solid) | 16 |
|-----------------------------------|----|

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| | | | |
|-----------|------------------------------------|----|-----------|
| <u>L2</u> | L1 same (bead or column or solid) | 16 | <u>L2</u> |
| <u>L1</u> | kit same (ammonium near0 chloride) | 37 | <u>L1</u> |

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